OIPE

RAW SEQUENCE LISTING   DATE: 05/08/2001
PATENT APPLICATION: US/09/841,158   TIME: 15:48:30

Input Set : A:\Seqlist.txt   **ENTERED**
Output Set: N:\CRF3\05082001\I841158.raw

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 4 <110> APPLICANT: BEASLEY, Ellen M.
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
 7        NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
 8        USES THEREOF
10 <130> FILE REFERENCE: CL001229
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C--> 12 <141> CURRENT FILING DATE: 2001-04-25
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17 <211> LENGTH: 1722
18 <212> TYPE: DNA
19 <213> ORGANISM: Human
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24 gtagagaagt tgggccagca cctcttacct tggatggacc ggctttccct ggagcacttg  180
25 aacocagca tctatgtggg cctacgcctc tccagtctgc aggctgggac caaggaagac  240
26 ctctacctgc acagcctcaa gcttggttac cagcagtgcc tcctagggtc tgccttcagc  300
27 gaggatgacg gtgactgcca gggcaagcct tccatgggcc agctggccct ctacctgctc  360
28 gctctcagag ccaactgtga gtttgtcagg ggccacaagg gggacaggct ggtctcacag  420
29 ctcaaatggt tcctggagga tgagaagaga gccattgaca cagcagccat ggcaggcttg  480
30 gccattcacct gtctgaagcg ctcaaacttc aaccctggtc ggagacaacg gatcaccatg  540
31 gccatcagaa cagtgcgaga ggagatcttg aaggcccaga ccccgagggg ccactttggg  600
32 aatgtctaca gcaccccatt ggcattacag ttcctcatga cttcccccat gcgtggggca  660
33 gaactgggaa cagcatgtct caaggcgagg gttgctttgc tggccagtct ggaggatgga  720
34 gccttccaga atgctctcat gatttcccag ctgctgcccg ttctgaacca caagacctac  780
35 attgatctga tcttcccaga ctgtctggca ccacgagtca tgttggaacc agctgctgag  840
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37 ccgtacagac agtccatctc tgttctggcc gggtccaccg tggaagatgt cctgaagaag  960
38 gcccatgagt taggaggatt cacatatgaa acacaggcct ccttgtcagg ccccctactta 1020
39 accccgtga tggggaaagc ggccggagaa agggagttct ggcagcttct ccgagacccc 1080
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41 ctgaagctgg ttagctggta gcccctgagc tccctcatcc cagcagcctc gcacactccc 1200
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45 ggccaagtct ggccagcctg gccctgcagg tctcccatga aggccacccc atggtctgat 1440
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47 gaagaccact cgttctgtgg ttggggtcct gcaagaaggc ctcctcagcc cgggggctat 1560
48 agccctgacc ccagctctcc actctgctgt tagagtggca gctccgagct ggttgtggca 1620
49 cagtagctgg ggagacctca gcaggctgc tcagtgcctg cctctgacaa aattaaagca 1680
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53 <211> LENGTH: 1896
54 <212> TYPE: DNA
55 <213> ORGANISM: Human
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60 ctgctgctgc catgaggcac cttgggggcct tcctcttcct tctggggggtc ctggggggccc  180
61 tcactgagat gtgtgaaata ccagagatgg acagccatct ggtagagaag ttgggccagc  240
62 acctcttacc ttggatggac cggctttccc tggagcactt gaaccccagc atctatgtgg  300
63 gcctacgcct ctccagtctg caggctggga ccaaggaaga cctctacctg cacagcctca  360
64 tgcttggtta ccagcagtgc ctcctagggt ctgccttcag cgaggatgac ggtgactgcc  420
65 agggcaagcc ttccatgggc cagctggccc tctacctgct cgctctcaga gccaactggc  480
66 atgatcacaa gggccacccc cacactagct actaccagta tggcctgggc attctggccc  540
67 tgtgtctcca ccagaagcgg gtccatgaca gcgtggtgga caaacttctg tatgctgtgg  600
68 aacctttcca ccagggccac cattctgtgg acacagcagc catggcaggc ttggcattca  660
69 cctgtctgaa gcgctcaaac ttcaaccctg gtcggagaca acggatcacc atggccatca  720
70 gaacagtgcg agaggagatc ttgaaggccc agacccccga gggccacttt gggaatgtct  780
71 acagcacccc attggcatta cagttcctca tgacttcccc catgcgtggg gcagaactgg  840
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73 agaatgctct catgatttcc cagctgctgc ccgttctgaa ccacaagacc tacattgatc  960
74 tgatcttccc agactgtctg gcaccacgag tcatgttgga accagctgct gagaccattc  1020
75 ctcagaccca agagatcatc agtgtcacgc tgcaggtgct tagtctcttg ccgccgtaca  1080
76 gacagtccat ctctgttctg gccgggtcca ccgtggaaga tgtcctgaag aaggcccatg  1140
77 agttaggagg attcacatat gaaacacagg cctccttgtc aggcccctac ttaacctccg  1200
78 tgatggggaa agcggccgga gaaagggagt tctggcagct tctccgagac cccaacaccc  1260
79 cactgttgca aggtattgct gactacagac ccaaggatgg agaaaccatt gagctgaggc  1320
80 tggttagctg gtagcccctg agctccctca tcccagcagc ctcgcacact ccctaggctt  1380
81 ctaccctccc tcctgatgtc cctggaacag gaactcgcct gaccctgctg ccacctcctg  1440
82 tgcactttga gcaatgcccc ctgggatcac cccagccaca agcccttcga gggccctata  1500
83 ccatggccca ccttggagca gagagccaag catcttccct gggaagtctt tctggccaag  1560
84 tctggccagc ctggccctgc aggtctccca tgaaggccac cccatggtct gatgggcatg  1620
85 aagcatctca gactccttgg caaaaaacgg agtccgcagg ccgcaggtgt tgtgaagacc  1680
86 actcgttctg tggttggggt cctgcaagaa ggcctcctca gcccgggggc tatggccctg  1740
87 accccagctc tccactctgc tgttagagtg gcagctccga gctggttgtg gcacagtagc  1800
88 tggggagacc tcagcagggc tgctcagtgc ctgcctctga caaaattaaa gcattgatgg  1860
89 cctgtgaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa                             1896
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92 <211> LENGTH: 376
93 <212> TYPE: PRT
94 <213> ORGANISM: Human
96 <400> SEQUENCE: 3
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99 Leu Thr Glu Met Cys Glu Ile Pro Glu Met Asp Ser His Leu Val Glu
100             20                  25                  30
101 Lys Leu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
102         35                  40                  45
103 His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln
104     50                  55                  60
105 Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Lys Leu Gly Tyr
106 65                  70                  75                  80
107 Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys
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109 Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu
110             100               105               110
111 Arg Ala Asn Cys Glu Phe Val Arg Gly His Lys Gly Asp Arg Leu Val
112             115               120               125
113 Ser Gln Leu Lys Trp Phe Leu Glu Asp Glu Lys Arg Ala Ile Asp Thr
114         130               135               140
115 Ala Ala Met Ala Gly Leu Ala Phe Thr Cys Leu Lys Arg Ser Asn Phe
116 145               150               155               160
117 Asn Pro Gly Arg Arg Gln Arg Ile Thr Met Ala Ile Arg Thr Val Arg
118             165               170               175
119 Glu Glu Ile Leu Lys Ala Gln Thr Pro Glu Gly His Phe Gly Asn Val
120             180               185               190
121 Tyr Ser Thr Pro Leu Ala Leu Gln Phe Leu Met Thr Ser Pro Met Arg
122         195               200               205
123 Gly Ala Glu Leu Gly Thr Ala Cys Leu Lys Ala Arg Val Ala Leu Leu
124         210               215               220
125 Ala Ser Leu Gln Asp Gly Ala Phe Gln Asn Ala Leu Met Ile Ser Gln
126 225               230               235               240
127 Leu Leu Pro Val Leu Asn His Lys Thr Tyr Ile Asp Leu Ile Phe Pro
128             245               250               255
129 Asp Cys Leu Ala Pro Arg Val Met Leu Glu Pro Ala Ala Glu Thr Ile
130             260               265               270
131 Pro Gln Thr Gln Glu Ile Ile Ser Val Thr Leu Gln Val Leu Ser Leu
132         275               280               285
133 Leu Pro Pro Tyr Arg Gln Ser Ile Ser Val Leu Ala Gly Ser Thr Val
134         290               295               300
135 Glu Asp Val Leu Lys Lys Ala His Glu Leu Gly Gly Phe Thr Tyr Glu
136 305               310               315               320
137 Thr Gln Ala Ser Leu Ser Gly Pro Tyr Leu Thr Ser Val Met Gly Lys
138             325               330               335
139 Ala Ala Gly Glu Arg Glu Phe Trp Gln Leu Leu Arg Asp Pro Asn Thr
140             340               345               350
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142         355               360               365
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144         370               375
147 <210> SEQ ID NO: 4
148 <211> LENGTH: 400
149 <212> TYPE: PRT
150 <213> ORGANISM: Human
152 <400> SEQUENCE: 4
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154 1               5                 10                15
155 Leu Thr Glu Met Cys Glu Ile Pro Glu Met Asp Ser His Leu Val Glu
156             20                25                30
157 Lys Leu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
158         35                40                45
159 His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln
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161 Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Met Leu Gly Tyr
162 65                    70                    75                    80
163 Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys
164                   85                    90                    95
165 Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu
166                   100                   105                   110
167 Arg Ala Asn Trp His Asp His Lys Gly His Pro His Thr Ser Tyr Tyr
168             115                   120                   125
169 Gln Tyr Gly Leu Gly Ile Leu Ala Leu Cys Leu His Gln Lys Arg Val
170       130                   135                   140
171 His Asp Ser Val Val Asp Lys Leu Leu Tyr Ala Val Glu Pro Phe His
172 145                   150                   155                   160
173 Gln Gly His His Ser Val Asp Thr Ala Ala Met Ala Gly Leu Ala Phe
174                   165                   170                   175
175 Thr Cys Leu Lys Arg Ser Asn Phe Asn Pro Gly Arg Arg Gln Arg Ile
176             180                   185                   190
177 Thr Met Ala Ile Arg Thr Val Arg Glu Glu Ile Leu Lys Ala Gln Thr
178             195                   200                   205
179 Pro Glu Gly His Phe Gly Asn Val Tyr Ser Thr Pro Leu Ala Leu Gln
180       210                   215                   220
181 Phe Leu Met Thr Ser Pro Met Arg Gly Ala Glu Leu Gly Thr Ala Cys
182 225                   230                   235                   240
183 Leu Lys Ala Arg Val Ala Leu Leu Ala Ser Leu Gln Asp Gly Ala Phe
184                   245                   250                   255
185 Gln Asn Ala Leu Met Ile Ser Gln Leu Leu Pro Val Leu Asn His Lys
186             260                   265                   270
187 Thr Tyr Ile Asp Leu Ile Phe Pro Asp Cys Leu Ala Pro Arg Val Met
188             275                   280                   285
189 Leu Glu Pro Ala Ala Glu Thr Ile Pro Gln Thr Gln Glu Ile Ile Ser
190       290                   295                   300
191 Val Thr Leu Gln Val Leu Ser Leu Leu Pro Pro Tyr Arg Gln Ser Ile
192 305                   310                   315                   320
193 Ser Val Leu Ala Gly Ser Thr Val Glu Asp Val Leu Lys Lys Ala His
194                   325                   330                   335
195 Glu Leu Gly Gly Phe Thr Tyr Glu Thr Gln Ala Ser Leu Ser Gly Pro
196             340                   345                   350
197 Tyr Leu Thr Ser Val Met Gly Lys Ala Ala Gly Glu Arg Glu Phe Trp
198             355                   360                   365
199 Gln Leu Leu Arg Asp Pro Asn Thr Pro Leu Leu Gln Gly Ile Ala Asp
200       370                   375                   380
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202 385                   390                   395                   400
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206 <211> LENGTH: 27067
207 <212> TYPE: DNA
208 <213> ORGANISM  Human
210 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 05/08/2001
PATENT APPLICATION: US/09/841,158   TIME: 15:48:31

Input Set : A:\Seqlist.txt
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218 atcagaagtg actctctgga aggatgctgc tgcttctcac cagaggctga cgataacgaa 180
219 ggctatcctc catggccacc tcctccaggc tgccttcctg gaaataggaa tcataatagt 240
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227 ctgaaaggga actgttagga tgatcttgcc taaccctctc atctcacaca ggaagaacta 720
228 ttttaaactc gagaggttaa gtgacctggc caaagtcaca cagccaccac tagttaactc 780
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                   VERIFICATION SUMMARY              DATE: 05/08/2001
                   PATENT APPLICATION:   US/09/841,158    TIME: 15:48:32

                   Input Set : A:\Seqlist.txt
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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VERIFICATION SUMMARY   DATE: 05/08/2001
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Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF3\05082001\I841158.raw**

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L:492 M:341 W  (46) "n" or "Xaa" used, for SEQ ID# 5
L:493 M:341 W. (46) "n" or "Xaa" used, for SEQ ID# 5
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